

# RIVERWAYS

## *News Notes #2*

**March 16, 2003**

### **Special Issue: *Resources and Grants***

[**Note:** As many of the items listed below (grant application deadlines, e.g.) are extremely time-sensitive, you may want to skim through this issue of *Riverways News Notes* at your earliest convenience to screen for things you might want or need to act quickly on. FYI, the *Resources and Grants* sections of past **Riverways Newsletters** can be viewed on-line at <http://www.state.ma.us/dfwele/river/pdf/rivfall02NL.pdf> (see p.16) and so on.]

#### **Grants**

The RFR (Request for Responses) for the Mass. **DEP's Section 319 Nonpoint Source Pollution Competitive Grants Program** for federal FY04 will be issued on or about **March 18, 2003**. Proposals will be due on or about **May 1, 2003**. The RFR will be posted at the Commonwealth's procurement site, <http://www.comm-pass.com/>, listed under the Department of Environmental Protection under "purchasing entity". Additional program information such as indicative summaries of previously funded 319 projects, or a copy of the 319 RFR can be obtained from Jane Peirce, 319 Program Coordinator at (508) 767-2792, or write to Department of Environmental Protection, Division of Municipal Services, 627 Main Street, Worcester, MA 01608, Attention: Jane Peirce.

**River Restoration Grants Available for Dam Removal and Fish Passage** - American Rivers/NOAA Community-Based Restoration Program Partnership is now accepting proposals for community-based river restoration grants as part of its partnership with the National Oceanic and Atmospheric Administration (NOAA) Community-Based Restoration Program. These grants are designed to provide support for local communities that are utilizing dam removal or fish passage to restore and protect the ecological integrity of their rivers and improve freshwater habitats important to migratory (anadromous) fish. A complete application and eligibility guidelines are posted on-line at <http://www.amrivers.org/feature/restorationgrants.htm>. Applications for projects need to be postmarked by **April 1** for

consideration for the next funding cycle (there will probably be another funding round this fall). Applicants should contact American Rivers (see below) to discuss potential projects prior to submitting an application. For more information please visit <http://www.nmfs.noaa.gov/habitat/restoration/community/americanrivers.htm> and/or contact: Peter Raabe at American Rivers ([rivergrants@amrivers.org](mailto:rivergrants@amrivers.org) or (202) 347-7550).

The **National Fish and Wildlife Foundation** (NFWF)'s **Challenge Grant Program** (<http://www.nfwf.org/programs/guidelines.htm>) awards challenge grants, on a competitive basis, to eligible grant recipients, including federal, tribal, state, and local governments, educational institutions, and non-profit conservation organizations. Project proposals are received on a year-round, revolving basis with two decision cycles per year. Challenge grants are awarded to projects that: address priority actions promoting fish and wildlife conservation and the habitats on which they depend; work proactively to involve other conservation and community interests; leverage available funding; and evaluate project outcomes. Grants typically range from \$10,000-\$150,000 and are based upon need. Submission deadline for **pre-proposals** due annually in **June** and October. For more information, contact NFWF regional coordinator Lucy Wallace at (978) 443-0498 or Suzanne Oversvee at [suzanne.oversvee@nfwf.org](mailto:suzanne.oversvee@nfwf.org).

A supporting organization of the Boston Foundation (<http://www.tbf.org>), the **The Bruce J. Anderson Foundation** supports preventative programs, direct services and new initiatives in the fields of environmental protection, historic and archival preservation, the arts and mental health. The Foundation focuses most of its grantmaking in two geographical areas: Cape Ann (the communities of Gloucester, Rockport, Essex and Manchester), and the Nashua River Watershed (the communities of Harvard, Ayer, Groton, Pepperell and Townsend). Grants range from \$5,000 to \$20,000. The next deadline for submissions is **April 11, 2003 at 5:00 pm** (E-mail and faxed proposals not accepted). Send proposals to: Mr. Corey L. Davis, Grants Manager, The Boston Foundation, 75 Arlington Street, 10th Floor, Boston, MA 02116. For more information contact Dulcea Morgan, Program Assistant for Philanthropic & Donor Services, (617) 338-2686 or [dml@tbf.org](mailto:dml@tbf.org).

**The Ittleson Foundation** ([www.Ittlesonfoundation.org](http://www.Ittlesonfoundation.org)) supports innovative pilot model and demonstration projects that promote activism through education and training with a special interest in training of trainers, strengthening networks and involving new constituents at the grassroots level, especially those which address environmental equity issues. The deadline for submitting concept letters is **April 1<sup>st</sup>** (Sept. 1<sup>st</sup> for fall grant round). Contact Anthony Woods at (212) 794-0351 or write to the Ittleson Foundation, 15E 67<sup>th</sup> Street, 5<sup>th</sup> Floor, New York, NY 10021.

The Environment Program of the **Sudbury Foundation** (<http://www.sudburyfoundation.org>) focuses on two geographic regions that face significant challenges to ecological integrity and community sustainability: Gulf of ME Fisheries and Coastal Communities and The Northern Forest of NY, VT, NH, and ME. The Program supports projects that conserve and restore the productive capacity of these two ecosystems while helping to build a better future for the people who depend on them. It also favors community-based efforts to conserve resources and enhance quality of life – solutions developed with local input. Grant awards range from \$5000-\$25,000. The deadline for submitting proposals is **April 1, 2003**; it is also OK to send a letter of inquiry prior to that date and/or to call and discuss project for feedback. For more information, contact [Fredericka Tanner](#), Executive Director, [Marilyn Martino](#), Program Officer, [General Inquiry](#) or write to 278 Old Sudbury Road, Sudbury, MA, 01776 or call (978) 443-0849, (978) 579-9536 (fax).

The **William P. Wharton Trust** supports conservation, study and appreciation of nature through projects with tangible and lasting results, those that seek partnerships and that leverage funds to gain matching contributions. In order of priority, the Trust specifically supports: 1) acquisition of land for conservation and preservation of natural areas, primarily in MA and NE; 2 ) management techniques designed to improve environmental quality and species diversity; 3) bird and forestry research & management at the applied level vs. the theoretical or molecular level; and 4) creation of materials or projects designed to foster an appreciation and a concern for wildlife and natural systems. Range of award is usually from \$2,500 to \$10,000 and usually for the duration of one year. Application deadlines are **April 1<sup>st</sup>** and **October 1<sup>st</sup>**. For more information, contact Pearl E. Bell, Estate & Trust Administrator, The William P. Wharton Trust, Choate, Hall & Stewart, Exchange Place, Boston, MA 02109-2804 or call (617) 248-5000.

Conceived in late November, 1996 by the Ellis L. Phillips Foundation, the **Massachusetts Catalogue for Philanthropy** (<http://www.catalogueforphilanthropy.org/ma/>) was the first of its kind. The Catalogue embodies a number of innovative elements: a donor-friendly taxonomy of charities (including a "Nature" category) , organizing them for presentation to the public as an intelligible, sensible, navigable tool for finding philanthropic fields and specific charities one might enjoy supporting; the Giving Form, enabling "one-stop" year-end giving and facilitating gifts of stocks, a new conceptualization of philanthropy's role and significance in history, particularly in American history; a new vocabulary describing philanthropy in more precise, constructive, attractive, and even compelling, terms; a new view of philanthropy -- an annual showcase or snapshot of the entire field in a given "market", displaying current work being accomplished or proposed in all fields, all across that market, focusing on the 92% of all charities with budgets below \$2 million, that are normally therefore relatively invisible and unknown to the public, because they cannot afford junk mail, junk telephone calls, or media

advertising, and are of only rare interest to the media. In short, the Catalogue helps promote grassroots and other smaller charities to potential donors. Organizations interested in being listed in the Catalogue can get more info on-line at [http://www.catalogueforphilanthropy.org/ma/2002/RFP\\_2003/](http://www.catalogueforphilanthropy.org/ma/2002/RFP_2003/); the application deadline for 2003 is **April 1<sup>st</sup>**.

The **Crossroads Community Foundation** ([www.ccfndn.org/grantprogram.html](http://www.ccfndn.org/grantprogram.html)) covers a 27-town region west of Boston approximately bounded by Routes 128 and 495. The Foundation is now accepting proposals for its **Regional Cooperation** and **Entrepreneurial Venture** initiatives. The Regional Cooperation Initiatives program will award grants up to \$2500 to develop and implement strategies for solving issues that cross town boundaries. The program supports projects that 1) encourage people, organizations and towns to work together that have not done so before; 2) promote awareness of an issue within the region; and/or 3) develop strategies for addressing regional problems. The Entrepreneurial Venture Initiative will award grants of up to \$7,500 to provide seed money for entrepreneurial projects of local nonprofit organizations. The funded projects will enhance the financial stability of an organization by generating new revenue streams. The deadline for submissions is **April 11, 2003**. For more information, contact Rebecca Donham, 21 Eliot Street, Natick, MA 01760, (508) 647-2260.

The **Jessie B. Cox Charitable Trust** (<http://www.agmconnect.org/cox.html>) funds projects in New England in the areas of health, education and the environment and is particularly interested in projects that primarily benefit underserved populations and disadvantaged communities in New England, as well as projects that focus on prevention rather than remediation. The trust is also interested in fostering collaborations among nonprofit organizations. Grant awards range from \$25,000 - \$ 75,000 (average award = \$ 35,000). The deadline for submitting **concept papers** is **April 15, 2003**. For more information, contact: Katherine S. McHugh, Director or Susan M. Fish, Grants Administrator, Donor Services Office ([dso@hembar.com](mailto:dso@hembar.com)), Hemenway & Barnes, 60 State Street, Boston, MA 02109-1899, (617) 557-9775.

**Patagonia, Inc.** ([http://www.patagonia.com/enviro/grants\\_app.shtml#apply](http://www.patagonia.com/enviro/grants_app.shtml#apply)), a privately-owned manufacturer of outdoor recreational clothing, provides small grants to grassroots environmental non-profit organizations (particularly in regions where manufacturing operations or retail stores are located (see below)). Support goes to groups and projects that work to protect local habitat, with the idea that "the individual battles to protect a specific stand of forest, stretch of river or indigenous wild species are the most effective in raising more complicated issues in the public mind, particularly those of biodiversity and ecosystem protection." Patagonia's primary interest is in projects that identify and work on the root causes of problems and approach issues with a commitment to long-term change. The deadline for



submissions is **April 30, 2003** (see website for application guidelines). Grants range from \$3000-\$8000. For more information, contact Mr. Christian Avard, Patagonia, Inc., 346 Newbury Street, Boston, MA 02115, (617) 424-1776.

The **Ben & Jerry's Foundation** (30 Community Drive, So. Burlington, VT 05403-6828, <http://www.benjerry.com/foundation/guidelines.html>) offers competitive grants to not-for-profit, grassroots, constituent-led organizations throughout the United States to facilitate social change by addressing the underlying conditions of societal and environmental problems. The foundation supports programs and projects that are examples of creative problem-solving and: address the root causes of social or environmental problems; lead to societal, institutional and/or environmental change; and lead to new ways of thinking and acting. A **letter of interest** must be submitted by the **end of April 2003 at the latest** to be selected and have time to submit a proposal to be considered for the July 1 grant round. Letters of Interest may be submitted at any time and are reviewed on an ongoing basis. However, they may take up to eight (8) weeks to be reviewed and, therefore, must be submitted at least ten (10) weeks prior to the proposal deadline for which you wish to be considered.. They do not accept FedEx or express delivery packages, faxes, or e-mailed submissions. Deadlines to submit a full proposal (for **invited applicants only**) are: March 1<sup>st</sup>, **July 1<sup>st</sup>**, and November 1<sup>st</sup>. Grants range in size from \$1,001 - \$15,000; Small Grants awards are also made of up to \$1000 (see website for more details and guidelines for both grants).

The **New England Grassroots Environment Fund** (NEGEF) is a small grants program designed to foster and give voice to grassroots environmental initiatives in the six New England states. They provide grants of up to \$2,500 to fuel civic engagement, local activism, and social change. NEGEF funds community involvement in projects that address a wide range of environmental issues including: agriculture, air quality, alternative energy, aquifer protection, biotechnology, community gardens, environmental justice, energy conservation, forestry, global warming, land trusts, marine environment, public health, sprawl, sustainable communities, toxics and hazardous waste, trails, water quality, watershed management, wetlands, wildlife, and youth-organized environmental work. NEGEF was created to assist groups who are not being reached by traditional funders. NEGEF's user-friendly web page (<<http://www.grassrootsfund.org>>) is worth checking out, as it contains on-line versions of NEGEF's current and past newsletters and a recommended reading list for potential grantees as well as links to grant recipients sorted by resource type (water, e.g.). For more information, contact Cheryl King Fischer, Executive Director, at (802) 223-4622. The next submission deadline is **May 1, 2003** for a grant award in June.

The Boston-based **Cricket Foundation** supports new initiatives in land preservation, research and advocacy, and biological conservation in New England. Past grants have been awarded for

watershed protection and land conservation. The Foundation **will** support general operating, capital campaigns, seed money, special projects, equipment, exhibits, and performances. Grants range in size from \$1,000-\$5,000; call or write for grant guidelines (initial contact is usually made by Letter of Inquiry or telephone). Application deadlines for full proposals are **May 1** and November 1. For more information, contact George Butterworth III, Exchange Place, Suite 2200, Boston, MA 02109-2881, (617) 570-1130.

The **Town Creek Foundation** (<http://www.towncreekfdn.org>) supports programs that engage citizens in challenging the unsustainable use of natural resources and in protecting biological diversity. Strategies supported are grassroots activism, monitoring the enforcement of environmental laws, public policy advocacy, collaborative opportunities, media outreach, and model or demonstration projects fostering sustainable policies and practices. Major interests of the Foundation include: protecting the land, estuaries and coastal bays of the mid-Atlantic region; modifying patterns of consumption and degradation of our natural resources; addressing environmental impacts of our personal, institutional and community choices and building public interest in conservation; building the effectiveness of the environmental movement by strengthening the advocacy, outreach, and institutional development of environmental organizations. A **letter of inquiry** may be submitted anytime by fax or E-mail; you must then be invited to submit a full proposal. Proposal deadlines are January 15, **May 15** and December 15.

Recent Grants range from \$10,000 to \$100,000. For more information, contact Christine B. Shelton, Executive Director (Mondays & Wednesdays), 121 N. West Street, Easton, Maryland 21601, (410) 763-8171, (410) 763-8172 (fax).

The charitable giving arm of the **Oracle Corporation** (<http://www.oracle.com/corporate/giving/community/index.html?giveform.html>) is committed to the local communities in which the corporation employees live and work (in MA this is Burlington and environs). Most of Oracle's grants are in the \$5-10,000 range. The Environment Program supports projects that promote outreach to local constituents through projects that build and emphasize awareness, stewardship and protection of natural resources, including marine and fresh water habitat. The next application deadline is **June 1, 2003** (see website for details).

## Awards

The **Conservation Fund** (TCF, <http://www.conservationfund.org>, (703) 525-6300), a national land conservation organization based in Arlington, VA, administers four different awards programs. The **American Land Conservation Award** was established by the Catto Charitable Foundation in 1996 to recognize outstanding volunteer leadership in land and water conservation. The Award honors a citizen conservationist for his or her outstanding individual leadership and distinguished service to preserving and protecting the nation's natural and

historic resources for the benefit of their communities and future generations.

Recipients of the American Land Conservation Award are recognized for building partnerships that lead to the preservation of open space, wildlife habitat, and sites that preserve a sense of place. Recipients are honored for their work to protect coastlines, river corridors, forestlands, farmland, rangeland, and historic sites. As the nation's largest prize to a volunteer in conservation, the Award's \$50,000 prize is administered by TCF and presented to a citizen conservationist by the Catto Charitable Foundation. Applications may be submitted from January 1 to **August 16** of each year. The 2003 award will be announced at the Land Trust Alliance Rally, Oct. 16-19 in Sacramento, CA. Application forms are available on-line at <http://www.conservationfund.org/?article=2505>.

**International Paper (IP) Environmental Awards:** IP, in partnership with TCF, presents annual Environmental Awards to recognize the efforts of people across the country working to protect the future of America's outdoor heritage. Each year, the partners honor two individuals whose work demonstrates that a healthy environment and a healthy economy are mutually supportive. The \$10,000 awards are provided by the IP Company Foundation. The **IP Conservation Partnership Award** (<http://www.conservationfund.org/pdf/partnership%20nom%20form.pdf>) recognizes an individual who has achieved significant results in the protection of habitat through a cooperative relationship with a business or corporation. The **IP Environmental Education Award** (<http://www.conservationfund.org/pdf/education%20nom%20form.pdf>) honors educators who have shown special skills in giving their students a better understanding of the complex relationship between environmental protection and economic growth. The deadline for nominating candidates for either of the 2003 IP/TCF awards is **April 7<sup>th</sup>**.

**Kodak American Greenways Awards:** The Eastman Kodak American Greenways Awards (<http://www.conservationfund.org/?article=2372>), a partnership project of Kodak, TCF and the National Geographic Society, provides small grants to stimulate the planning and design of greenways in communities throughout America. The annual awards program (really a small **grants** program - the maximum grant is \$2,500, but most grants range from \$500 to \$1,000) was instituted in response to the President's Commission on Americans Outdoors recommendation in the 1980s to establish a national network of greenways. Grants can be used for all appropriate expenses needed to complete a greenway, blueway and trail project including public outreach, planning, design, construction, technical assistance, legal and other costs. Grants may not be used for academic research, general institutional support, lobbying, or political activities. Community-based organizations, including local, regional and statewide nonprofits as well as local governments are encouraged to apply; award recipients are announced in early fall.

Made possible by a generous grant from Eastman Kodak, the program also honors groups and individuals whose ingenuity and creativity foster the creation of greenways. Application forms are available on-line at <http://www.conservationfund.org/?article=2474>; the application deadline for 2003 is **June 1**. Contact Leigh Anne McDonald ((703) 525-6300 or [greenways@conservationfund.org](mailto:greenways@conservationfund.org)) for more information.

**CF Industries National Watershed Award:** This award recognizes corporate and community excellence in watershed protection. Each year, one corporation and three communities nationwide are recognized for their outstanding leadership in protecting America's water resources. The CF Industries National Watershed Award was launched in 1996 as a partnership between CF Industries, TCF and the National Geographic Society. The Conservation Technology Information Center (<http://www.ctic.purdue.edu/CTIC/CTIC.html>) also is an important partner through its Core 4 Conservation initiative, an innovative farm management approach that balances better soil, cleaner water, greater profits and a brighter future for America's agriculture.

The award, administered by TCF, focuses on innovative, non-regulatory approaches to improving water quality. Particular emphasis is placed on local partnerships that demonstrate the success of economic incentives, voluntary initiatives, and education. More information and application forms are available on-line at <http://www.conservationfund.org/?article=2382>. The 2003 deadline for this award is **June 2**; notification of the award is made by the end of September.

Nominations are now being accepted for the U.S. Environmental Protection Agency's (EPA's) **2003 Clean Water Act Recognition Awards**. These awards will recognize municipalities and industries for outstanding and innovative technological achievements through their waste treatment and pollution abatement programs, projects or activities. The program includes awards in five categories, including: Outstanding operations and maintenance at wastewater treatment facilities; Biosolids management; Pretreatment; Storm water management; and Combined sewer overflow controls. Nominees must be in compliance with appropriate water quality requirements (where applicable), and otherwise have a satisfactory record with respect to environmental quality. Interested parties should contact their state water pollution control agency or EPA Regional Water Management Division. Nominations are due to the Office of Wastewater Management by **May 30, 2003**. For further information please call Maria Campbell at 202/564-0628 or visit <http://www.epa.gov/OW-OWM.html/mtb/intnet.htm>.

## On-line Resources



## Clean Water Network (CWN)

<http://www.cwn.org/>

With “Working to Keep the Promise of the Clean Water Act” as its motto, CWN is an alliance of over 1,100 organizations that endorse CWN’s **National Agenda for Clean Water** platform paper (see website for details). The Agenda outlines the need for strong clean water safeguards in order to protect public health and the environment. CWN includes a variety of organizations representing environmentalists, commercial fishermen, recreational anglers, surfers, boaters, farmers, faith communities, environmental justice advocates, labor unions, urban communities, consumers, recreationalists and others. Any group that endorses the Agenda can join. Staff members in Washington, D.C., Florida, and Idaho coordinate information and activities for the Network. A Steering Committee meets to make strategic decisions on the Network’s course of action and regular membership meetings guide the Network’s action plan. Members join one or more issue work groups where clean water topics and strategies are discussed in depth. CWN’s website provides talking points on the values of clean water and the continued need for a strong federal Clean Water Act as well as an on-line version of *Clean Water at Risk*, a new report on threats to the Clean Water Act.

## ConserveOnline

<http://www.conserveonline.org>

ConserveOnline is a "one-stop" on-line, public library, created and maintained by **The Nature Conservancy** (TNC, <http://nature.org>) in partnership with other conservation organizations. The library makes conservation tools, techniques, and experience available to a broad community of conservation practitioners. This site is intended to foster learning and collaboration, and provide information and support to anyone making conservation-related decisions, from the staff of conservation organizations to land managers at government agencies to local land trusts to private landowners. Through discussion groups and information sharing, ConserveOnline is an open forum for sharing successes and failures, and for connecting scientific research with field-based conservation practice. TNC welcomes anyone with documents, data, maps, or images relevant to the science and practice of conservation to make these resources publicly available through ConserveOnline, and to share their expertise through the discussion groups.

## Mass. Audubon’s Imperiled Rivers Web Page

[http://www.massaudubon.org/News\\_&\\_Action/Rivers/imperiled\\_riv.html](http://www.massaudubon.org/News_&_Action/Rivers/imperiled_riv.html)

In many parts of Massachusetts, summer water use is rapidly increasing, primarily due to increased lawn and landscape irrigation. This reduces the amount of water flowing in rivers and streams, often causing severe stress on aquatic habitats. Ensuring adequate flows to protect and

preserve fresh water habitats is a key conservation goal for the Massachusetts Audubon Society (MAS). With the support of the **Massachusetts Environmental Trust** (<http://www.massenvironmentaltrust.org/>), MAS compiled the necessary tools and resources to help protect Massachusetts rivers and streams from harm caused by exacerbated low flow conditions. MAS's on-line resource tool kit contains information detailing the problem and causes of summer low flow (why summer flows in our rivers and streams are declining and the resulting threats to organisms and habitats); actions you can take—in your yard or in your home—and actions your community can take to reduce water use now and conserve our important water resources for tomorrow; learn more about rivers from your local watershed association, Massachusetts and national river organizations, and find out where you can visit a river at a Massachusetts Audubon sanctuary; and links to related websites, a glossary of important river terms, and a reading list to learn more about rivers and river conservation.

### **Massachusetts Community Water Watch**

<http://www.waterwatchonline.org/ma/index.html>

Massachusetts has many spectacular rivers, from the Connecticut to the Charles. Unfortunately, about two-thirds of our rivers, lakes, and streams routinely tested for water quality continue to be too polluted for basic uses like fishing or swimming. Massachusetts Community Water Watch is a joint program between **AmeriCorps** and the **MASSPIRG Education Fund**. Water Watch works to organize students and community members and empower them to address water quality problems in Massachusetts' urban areas through education and service. Mass. Community Water Watch's three major program areas are: **River Cleanups** - work to remove trash and debris from riverbanks while raising community awareness of local water quality issues through community waterway cleanups. Cleanups deliver immediate results to the waterway, but also provide a hands-on opportunity to engage volunteers in making a difference in their own community. Each year, Water Watch AmeriCorps members recruit thousands of community volunteers and college students at each site to help organize and attend cleanups across the state; **Stream Monitoring** -

serve as the eyes and ears of local waterways across the state. Water Watch AmeriCorps members at each site work with volunteers, community organizations, and local and state governments to provide much-needed research about the health of our state's waterways. We recruit volunteers to collect samples out in the field so that government programs can test for various types of pollution. We also work to map local waterways and identify sources of pollution; and **Environmental Education** - educate and train college students, children, and community members about the state of local water quality and the steps that people can take to make an impact in their community. Water Watch AmeriCorps members and volunteers organize campus and community-wide educational forums and conduct hands-on educational programs for K-12 students. Mass. Community Water Watch has active programs in the Boston area as well as the Berkshires, Pioneer Valley, Holyoke, Springfield, Worcester, Lowell,

North Shore, Fall River and New Bedford (each has a separate web page accessible through the main website).

### **Mass. Riverways Program's Technical Assistance Program**

<http://www.state.ma.us/dfwele/river/rivtechnical.htm>

Riverways' technical assistance staff are available to help you and/or your organization in a wide variety of topics relating to river, stream and riparian land protection and/or restoration. Documents available on-line include: *Selected Internet Resources on Riparian Areas and Vegetated Buffers*, prepared for the "Science of Vegetated Buffers as a Water Quality Technique" workshop presented at the MACC Annual Environmental Conference in 2002 and 2003; nine *fact sheets on the functions and values of naturally vegetated riparian areas* for the eight enumerated interests of the Mass. Wetlands Protection Act as well as for smaller brooks and streams; a *list of native species suitable for planting in riparian areas*; and a *statewide inventory of rivers and streams known or suspected to have abnormally low- or no-flow conditions*, along with a discussion of the *science of how streams are harmed by altering their natural flow regimes*. Contact Russ Cohen at (617) 626-1543 or [russ.cohen@state.ma.us](mailto:russ.cohen@state.ma.us) for additional information.

### **Ocean Arks International (OAI)**

<http://www.oceanarks.org/education/resources/>

Founded in 1981 by visionary Ecological Designer Dr. John Todd (formerly of the **New Alchemy Institute**), OAI is a global leader in the field of ecological water purification. In response to the alarming rate of natural resource exploitation and depletion, OAI's mission is to disseminate the ideas and practices of ecological sustainability throughout the world. Founded on the premise that human support systems can only be sustainable when based on the design principles of nature, OAI strives to fulfill its mission by developing technologies that heal waters by replicating and accelerating the natural purification processes of rivers, ponds, and wetlands. These ecologically engineered systems can be adapted to treat sewage, high-strength organic wastewaters, and contaminated natural bodies of water. In addition to the development of such living technologies, OAI offers hands-on educational outreach programs and publishes *Annals of Earth*, a journal that chronicles the group's work and that of its colleagues around the world. The resources section of OAI's web page contains a wealth of publications, links and other information on innovative, ecologically-based water quality restoration technologies, inspiring writing on ecological themes, and a host of related topics.

### **Paddling.net: Places to Paddle in Massachusetts**

<http://www.paddling.net/places/MA/>

This page provides descriptions of a variety of paddling locations on water bodies throughout

the Commonwealth and elsewhere, plus an opportunity to submit your own report on paddling destinations you'd like to share with others. A related resource (not on-line) is *Paddling Southern New England: 30 Canoe Trips in Massachusetts, Rhode Island and Connecticut* (second edition, 2001, 224pp., 30 photos, 35 maps, \$17) by Ken Weber, an outdoor enthusiast and former editor for the *Providence Journal*.

## Recharge Report

[http://www.groundwater.org/Foundation/RR\\_subscribe.htm](http://www.groundwater.org/Foundation/RR_subscribe.htm)

Put out by the nonprofit **Groundwater Foundation** (<http://www.groundwater.org/index.html> and <http://www.groundwater.org/Foundation/join.htm>) of Lincoln, Nebraska, *Recharge Report* is a free, highly informative and readable on-line newsletter devoted to groundwater and other current water topics. The Feb. 2003 issue included stories on potential groundwater contamination due to war, energy development and road salt, the pros and cons of desalination, and the use of treated wastewater instead of municipal water supply for industrial use. Runoff Report subscribers get the newsletter sent to their e-mail address eight times per year (the next issue is due out in April 2003).

## River Quotes, Slogans, Songs, Proverbs, Sayings and related Web Links

<http://www.siue.edu/OSME/river/RiverQuotes/RiverQ.htm>

Looking for that eloquent or pithy quotation to spice up a river-related publication or a catchy slogan to launch your next campaign? At this web page, the **Rivers Project** of the Edwardsville Campus of Southern Illinois University has compiled and posted on-line a large number of river- and water-related literary, musical and other references that may fill the bill.

## Zoning Reform in Massachusetts

<http://www.masszoningreform.org/>

Massachusetts was recently listed by the **American Planning Association** as one of the 28 states with the most outdated land-use laws. While famous for its strong environmental laws and policies, our state is infamous for having some of the weakest land use and planning laws. Now, a Zoning Reform Working Group (ZRWG) of state legislators, municipal officials, planners, environmental and housing advocates, and interested citizens have joined together to sponsor legislation to update state statutes regarding zoning and subdivisions. This bill (Senate Bill 1174) is called the Massachusetts Land Use Reform Act (MLURA - <http://www.state.ma.us/legis/bills/st01174.htm>). Funded by the Massachusetts Chapter of the American Planning Association, the ZRWG web page contains the current text of and the underlying rationale for



the MLURA as well as opportunities for participating in the state zoning reform coalition.

## Calendar

Sponsored by the **Department of Environmental Management (DEM)** and **Preservation Mass.**, the **Heritage Landscape Inventory Workshop: Reading the Land** will take place on **Saturday, April 5, 2003** from **9:00AM – 3:00PM** at Bridgewater State College. This workshop will provide attendees with vital tools to assist in the identification, documentation, evaluation and protection of heritage landscapes – those places that help define the unique character of your community. The workshop will include presentations, interactive sessions and technical assistance of interest to municipal staff and volunteers, landscape stewards, preservation professionals, and others who care for and about historic landscapes in Massachusetts.

Attendees will receive a copy of "*Reading the Land – Massachusetts Heritage Landscapes: A Guide to Identification and Protection.*" The result of DEM's Heritage Landscape Inventory Pilot Project, which focused on 15 communities in Southeast Massachusetts, "Reading the Land" provides a methodology for documenting historic landscape types found throughout Massachusetts. Registration Fee: \$25; Registration Deadline: March 31, 2003. For more information or to register for the workshop, please visit the PRESERVATION Mass. web site at [www.preservationmass.org](http://www.preservationmass.org) or call (617) 626-1380 or (617) 723-3383.

The **2003 New England Greenway Symposium** will be held on **Saturday, April 12, 2003** at the University of Connecticut in Storrs, CT. Registration info is posted at <http://www.umass.edu/greenway/news/index.html>. The focus of this year's Symposium is "New England Greenways: Making the Connections across the Northeast." Conference organizers hope to continue to make connections between the New England states, as well as to look beyond the

boundaries of the New England region to other regions. The Symposium will provide greenway planners, activists, and enthusiasts with the opportunity to learn from each other through state, regional, and international greenway updates. Presenters this year include keynote speaker Keith Laughlin, President of the Rails-to-Trails Conservancy in Washington, DC., Eric Weis and Bill O' Neill of the East Coast Greenway Alliance (who will present on La Route Verte in Quebec), Lee Sochasky, Executive Director, St. Croix International Waterway Commission in Maine and New Brunswick, and Will Richard, Board Member, International Appalachian Trail, which runs from Maine to Newfoundland. Additional speakers include Jennifer Howard, Director, Trails and Greenways Program, Massachusetts DEM; Leslie Lewis, Sr. Environmental Analyst, CT DEP; Bob Spoerl, Program Specialist, NH Bureau of Trails; and invited speaker Steve Church, Bike and Pedestrian Coordinator, RI DOT who will speak on state greenway issues and projects. On the regional panel, speakers include Craig della Penna, New England Representative, Rails to Trails Conservancy; Steve Golden, Regional Program Leader, National Park Service, Rivers, Trails, and Conservation Assistance Program; Whitty Sanford, Co-

Executive Director, Connecticut River Watershed Council; and Lisa Mosczynski, Blackstone River Conservation Alliance.

Pre-registration cost of this year's Symposium is \$25 for Students, \$60 for Professionals; on-site registration costs are \$35 for Students, and \$70 for Professionals (covers lunch, coffee and refreshments, proceedings copies) Deadline for Pre-Registration is Friday, April 4, 2003. Please R.S.V.P. by Thursday, April 10, 2002. The registration form, schedule, directions, and lodging information is available for download at <http://www.umass.edu/greenway/news/index.html>.

Please send all registration forms and checks to:

Attn: The New England Greenway Consortium, c/o Jessica Allan  
University of Massachusetts-Amherst  
Department of Landscape Architecture and Regional Planning  
Hills North  
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Feel free to contact Jessica at [greenway@larp.umass.edu](mailto:greenway@larp.umass.edu) or (413) 545-6619 with any questions.

**River Network's** fourth annual **River Rally 2003** will be held from **May 9-13, 2003** at the Skamania Lodge in Stevenson, Washington (near the Columbia River Gorge). River Rally is open to staff and board of current River Network Partner Organizations. Those interested in becoming a River Network Partner (<http://www.rivernetwork.org/howwecanhelp/howpar.cfm>) should include the \$100 Partner fee with their registration. The conference includes a full panoply of river-related workshops and field trips. For more information, contact River Network's Rally hotline at (800) 639-8108, e-mail [riverrally@rivernetwork.org](mailto:riverrally@rivernetwork.org) or go on-line to <http://www.rivernetwork.org/howwecanhelp/howrally.cfm>.

The **New England Invasive Plant Summit** will be held on **Friday and Saturday, September 19-20, 2003** at the Sheraton Framingham Hotel. Gather together with scientists, land managers, policy-makers, educators, horticulturists, industry leaders and volunteers who are seeking and sharing information about how we can work together to find solutions to the invasive plant problem in our region. The conference will highlight research on the biology and management of invasive plant species. In addition, national & regional perspectives will be offered on the following topics: identifying research needs, risk assessment, inventory, early detection/rapid response, biological control, restoration, and green industry involvement. Organizations and agencies will show displays highlighting their activities. A full conference agenda and registration information is posted on the **Invasive Plant Atlas of New England** website: <http://invasives.eeb.uconn.edu/ipane>.

## Publications

The **Center for Watershed Protection** (<http://www.cwp.org>) recently announced a new publication entitled *Impacts of Impervious Cover on Aquatic Systems*. The Center's newest report is a comprehensive examination of more than 225 multi-disciplinary research studies documenting the impact of urbanization and the associated impervious cover on aquatic systems. Written in a clear, accessible style, *Impacts* is the Center's most extensive exploration of imperviousness to date, and reviews the available scientific data on the myriad ways urbanization influences hydrologic, physical, water quality and biological indicators of aquatic health. The research distilled in this report was conducted in many different eco-regions, climatic zones and stream types. Weighing in at approximately 150 pages, *Impacts* includes more than 100 graphics and tables and is a must-read for watershed leaders, policy-makers and agency staff in watersheds across the country. *Impacts* is currently available electronically from <http://www.cwp.org> at \$25; watch for the hard copy version in April.

*Pharmaceuticals, Hormones and other Organic Wastewater Contaminants in U.S. Streams, 1999-2000: A National Perspective* is the ominous title of a likewise ominous report on the heretofore largely unknown problem of prescription drugs, toiletries and household products washing down our household drains and toilets and ending up in and degrading our nation's waterways. Don Wilkison, a USGS hydrologist who has been monitoring streams in Kansas City, Missouri, regularly finds aspirin, nicotine, caffeine, antibacterial agents and an array of household chemicals and drugs in his Midwestern water samples. Sewage treatment plants aren't filtering out many of these contaminants, according to studies done in the U.S., Europe and Canada. And as wastewater is released into oceans, lakes and rivers, these chemicals – dubbed PPCPs (pharmaceuticals and personal-care products) are dumped right along with it. Compounds like antibiotics also enter the environment through runoff from non-organic animal farming operations, the use of sewage sludge as fertilizer, and the practice of pumping treated effluent into the ground to replenish aquifers. Prescription and other antibiotics can kill healthy and ecologically important bacterial organisms and contribute to drug-resistant bacterial strains. Another area of concern is synthetic steroids and estrogenic drugs, which are used in hormone-replacement therapy, oral contraceptives, and athletic performance enhancers and are frequently found in surface water fed by sewage effluent. Sexual changes have been noted in aquatic organisms exposed to these hormones. The full report as well as related fact sheets and studies are available on-line via [http://toxics.usgs.gov/regional/emc\\_surfacewater.html](http://toxics.usgs.gov/regional/emc_surfacewater.html) or <http://www.epa.gov/nerlesd1/chemistry/pharma/emerging.htm>.

*The Limitless City: A Primer on the Urban Sprawl Debate*, by Oliver Gillham, provides a grimly fascinating history of the political, social and economic forces that created sprawl, describes the policies and practices that encourage and even subsidize it, and offers valuable suggestions for loosening its destructive stranglehold on America. *The Limitless City* (\$30, 312 pp., photos by

Alex S. MacLean) is available from its publisher, **Island Press**, <http://www.islandpress.org> (online) or by calling (800) 828-1302.

*Solving Sprawl: Models of Smart Growth in Communities Across America*, recently published by the **Natural Resources Defense Council** (NRDC, <http://www.nrdc.org/cities/smartGrowth/default.asp>) offers an encouraging, accessible collection of case studies in which conventional suburban sprawl patterns has been effectively surpassed. *Solving Sprawl* (\$20) includes 35 examples of smart growth ranging from cities to suburbs to wildlands.

On a related topic, *Green Infrastructure: Smart Conservation for the 21<sup>st</sup> Century* is the title of an excellent short monograph describing and providing ten case study examples of “*green infrastructure*”: an interconnected network of green space that conserves natural ecosystem values and functions while providing associated benefits to people. (Naturally vegetated riparian corridors are a great example of green infrastructure). Green infrastructure differs from conventional open space planning by looking at conservation values and actions in concert with land development, growth management and planning for “grey infrastructure” such as roads, sewers and utilities. *Green Infrastructure* (36pp.) is available free on-line at <http://www.sprawlwatch.org> or in print from **The Conservation Foundation** (<http://www.conservationfund.org>)

### *Riverways Staff:*

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*Patricia Sheppard*, Assistant Director

*Russ Cohen*, Rivers Advocate

Western MA

*Rachel Calabro*, Adopt-A-Stream Coordinator

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*Cindy Delpapa*, Urban Rivers Coordinator

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*Carrie Banks*, Stream Team Organizer

*Michael Merrill*, River Restore Technical

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*Eileen Goldberg*, Small Grants

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Commonwealth of Massachusetts; Mitt Romney, Governor

Kerry Healey, Lieutenant Governor

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Department of Fisheries, Wildlife and Environmental Law Enforcement; David Peters,



Commissioner

**Mass. Riverways Programs** – *Riverways News Notes #2*

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